



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 3/13/14 REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, & **REVIEWED** instrument is repaired.
Send copy to Department of Health and Senior Services; retain original in department file.
By Carol Day at 9:20 am, Mar 14, 2014

ALCO SENSOR IV SN 087970	PRINTER SN 08C 3527 187	DATE OF INSPECTION 03/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) P.O. Box 245 or 110 S. Maple St. Galena, Mo. 65656		TIME OF INSPECTION 12:08 pm

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories Inc LOT # 12040 EXP. DATE 03/07/2014

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2282 SIMULATOR EXP DATE 01/10/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → .098

TEST 2 → .098

TEST 3 → .098

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Operates within DOHSS established limits.

INSPECTING OFFICER

SIGNATURE

Trent Massey

PRINT NAME

Sgt. Trent Massey #123

TYPE II PERMIT NUMBER/EXPIRATION DATE

220218 09-04-2014

TELEPHONE NUMBER

(417) 357-6116

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

**GUTH LABORATORIES, INC.**

630 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-6470

CERTIFICATE OF ANALYSIS**Certified Alcohol Reference Solution for Simulator**

Random Samples of Lot Number 12040 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 9, 2012, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1211% (w/vol) ethyl alcohol. The expiration date for this lot number is March 7, 2014 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- 2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Certificant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 087970
Version no: 004C

TEST RECORD 00687

Temp Date Time 210L

Air Blank:
03/03/14 12:17 .000
Subject Test: Auto
27 03/03/14 12:17 .000

Subject Name

Self Test

Subject I.D.

1234

Operator Name, I.D.

Sgt Trent Massey 220218

Location

Stone Co Jail

AS IV Serial no: 087970
Version no: 004C

TEST RECORD 00686

Temp Date Time 210L

Void: RFI
12 03/03/14 12:14

Subject Name

RFI Check

Subject I.D.

1234

Operator Name, I.D.

Sgt Trent Massey 220218

Location

Stone Co Jail

AS IV Serial no: 087970
Version no: 004C

TEST RECORD 00684

Temp Date Time 210L

Air Blank:
03/03/14 12:10 .000
Calibration Check:
26 03/03/14 12:10 .098

Subject Name

Monthly Maint

Subject I.D.

1234

Operator Name, I.D.

Sgt Trent Massey 220218

Location

Stone Co Jail

AS IV Serial no: 087970
Version no: 004C

TEST RECORD 00683

Temp Date Time 210L

Air Blank:
03/03/14 12:08 .000
Calibration Check:
26 03/03/14 12:08 .098

Subject Name

Monthly Maint

Subject I.D.

1234

Operator Name, I.D.

Sgt Trent Massey 220218

Location

Stone Co Jail

AS IV Serial no: 087970
Version no: 004C

TEST RECORD 00685

Temp Date Time 210L

Air Blank:
03/03/14 12:13 .000
Calibration Check:
26 03/03/14 12:13 .098

Subject Name

Monthly Maint

Subject I.D.

1234

Operator Name, I.D.

Sgt Trent Massey 220218

Location

Stone Co Jail

State of Missouri
DEPARTMENT OF HEALTHP E R M I T
TYPE II

TRENT MASSEY

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER; ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 09/04/2012

Number 220218

Expires 09/04/2014

MO 680-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab: 4 (A7-88)